

TECH CENTER 1600/2900

SEP 07 2001

RECEIVED
1042

P#14

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/403,440A

DATE: 08/30/2001

TIME: 14:11:29

Input Set : A:\MEWB25.001APCnewest.txt

Output Set: N:\CRF3\08302001\I403440A.raw

ENTERED

4 <110> APPLICANT: Lane, David Philip
 6 <120> TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO
 7 INHIBITING THE INTERACTION OF p53 AND MDM2
 11 <130> FILE REFERENCE: MEWB25.001APC
 13 <140> CURRENT APPLICATION NUMBER: 09/403,440A
 14 <141> CURRENT FILING DATE: 2000-01-19
 16 <150> PRIOR APPLICATION NUMBER: PCT/GB98/01144
 17 <151> PRIOR FILING DATE: 1998-04-20
 19 <150> PRIOR APPLICATION NUMBER: GB 9708092.3
 20 <151> PRIOR FILING DATE: 1997-04-22
 22 <160> NUMBER OF SEQ ID NOS: 12
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 5
 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: This represents a consensus sequence representing
 33 humans and mice.
 35 <221> NAME/KEY: UNSURE
 36 <222> LOCATION: 2, 3
 37 <223> OTHER INFORMATION: Xaa = any amino acid
 39 <400> SEQUENCE: 1
 40 Phe Xaa Xaa Leu Trp
 41 1 5
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 19
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Homo sapiens
 49 <400> SEQUENCE: 2
 50 Pro Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro
 51 1 5 10 15
 52 Glu Asn Gly
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 19
 58 <212> TYPE: PRT
 59 <213> ORGANISM: Unknown
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: Synthetic peptide sequence identified in a phage
 63 display peptide library.
 66 <400> SEQUENCE: 3
 67 Pro Pro Leu Ser Met Pro Arg Phe Met Asp Tyr Trp Glu Gly Leu Asn
 68 1 5 10 15
 69 Glu Asn Gly
 73 <210> SEQ ID NO: 4
 74 <211> LENGTH: 5
 75 <212> TYPE: PRT

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76 <213> ORGANISM: Artificial Sequence
 78 <220> FEATURE:
 79 <223> OTHER INFORMATION: This represents a consensus sequence representing
 80 humans and mice.
 82 <221> NAME/KEY: UNSURE
 83 <222> LOCATION: 2, 3, 4
 84 <223> OTHER INFORMATION: Xaa = any amino acid
 86 <400> SEQUENCE: 4
 87 Phe Xaa Xaa Xaa Trp
 88 1 5
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 92 <211> LENGTH: 57
 93 <212> TYPE: DNA
 94 <213> ORGANISM: Artificial Sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: Synthetic oligonucleotide comprising E.coli and
 98 Homo sapiens sequence.
 101 <400> SEQUENCE: 5
 102 gtccgcctct gagtcaggaa acattttcag acctatggaa actacttcct gaaaacg 57
 104 <210> SEQ ID NO: 6
 105 <211> LENGTH: 57
 106 <212> TYPE: DNA
 107 <213> ORGANISM: Artificial Sequence
 109 <220> FEATURE:
 110 <223> OTHER INFORMATION: Synthetic oligonucleotide comprising E.coli and
 111 Homo sapiens sequence.
 114 <400> SEQUENCE: 6
 115 gaccggttttc aggaagtagt ttccataggt ctgaaaatgt ttcttgactc agaggcg 57
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 118 <211> LENGTH: 57
 119 <212> TYPE: DNA
 120 <213> ORGANISM: Unknown
 122 <220> FEATURE:
 123 <223> OTHER INFORMATION: Synthetic oligonucleotide comprising synthetic
 124 oligonucleotide sequence encoding a synthetic
 125 peptide identified in a phage display
 126 peptide library and E. coli sequence.
 128 <400> SEQUENCE: 7
 129 gtccgcctct gagtatgcct cgttttatgg attattggga gggctttaat gaaaacg 57
 131 <210> SEQ ID NO: 8
 132 <211> LENGTH: 59
 133 <212> TYPE: DNA
 134 <213> ORGANISM: Unknown
 136 <220> FEATURE:
 137 <223> OTHER INFORMATION: Synthetic oligonucleotide comprising synthetic
 138 oligonucleotide sequence encoding a synthetic
 139 peptide identified in a phage display
 140 peptide library and E. coli sequence.
 142 <400> SEQUENCE: 8

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143 gaccgttttc attaagacct tcccaataat ccataaaacg aggcatactc tcagaggcg 59
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 35
147 <212> TYPE: DNA
148 <213> ORGANISM: E. coli
150 <400> SEQUENCE: 9
151 cgggatccac catgggcatg aaaattattc acctg 35
153 <210> SEQ ID NO: 10
154 <211> LENGTH: 29
155 <212> TYPE: DNA
156 <213> ORGANISM: E. coli
158 <400> SEQUENCE: 10
159 ctgcacgcta acctggccta gggaattcc 29
161 <210> SEQ ID NO: 11
162 <211> LENGTH: 26
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Mutagenic primer comprising altered Homo sapiens
168 sequence.
170 <400> SEQUENCE: 11
171 gactctgggg atcgatatga ccgacc 26
173 <210> SEQ ID NO: 12
174 <211> LENGTH: 27
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Mutagenic primer comprising altered Homo sapiens
180 sequence.
182 <400> SEQUENCE: 12
183 gagccaggag acagcctcag gcttatg 27
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VERIFICATION SUMMARY

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L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4